



## SEQUENCE LISTING

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TECH CENTER 1600/2900

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Kamei, Shintaro

<120> Compositions and Methods Useful for the Diagnosis and Treatment  
of Heparin Induced Thrombocytopenia/Thrombosis

<130> 10312-2U1

<140> 09/615,872

<141> 2000-07-13

<150> US 60/143,536

<151> 1999-07-13

<160> 14

<170> PatentIn version 3.1

<210> 1

<211> 120

<212> PRT

<213> Mus musculus

<400> 1

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1 5 10 15

Ser Val Lys Leu Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn Tyr  
20 25 30

Phe Ile Tyr Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile  
35 40 45

Gly Glu Ile Asn Pro Arg Asn Gly Asp Thr Asp Phe Asn Glu Lys Phe  
50 55 60

Glu Ser Arg Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr  
65 70 75 80

Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Ile Tyr Tyr Cys  
85 90 95

Thr Arg Ser Pro Tyr Gly Asn Asn Tyr Gly Phe Thr Tyr Trp Gly Gln  
100 105 110

Gly Thr Leu Val Thr Val Ser Ala  
115 120

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<213> Mus musculus

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Ala Glu Leu Asp Ile Gln Met Ile Gln Ser Gln Lys Phe Met Ser Thr  
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Ser Val Gly Asp Arg Val Thr Val Thr Cys Lys Ala Ser Gln Asn Val  
20 25 30

Gly Thr Asn Val Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Asn  
35 40 45

Ala Leu Ile Tyr Ser Ala Ser Tyr Arg Tyr Ser Gly Val Pro Asp Arg  
50 55 60

Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Thr Asn  
65 70 75 80

Val Gln Ser Glu Asp Leu Ala Asp Tyr Phe Cys Gln Gln Tyr Asn Ser  
85 90 95

Tyr Pro Leu Thr Phe Gly Thr Gly Thr Lys Leu Glu Ile Lys  
100 105 110

<210> 3

<211> 360

<212> DNA

<213> Mus musculus

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tcctgtaagg cttctggcta caccttcacc aattacttta tatactgggt gaagcagagg 120

cctggacaag gccttgagtg gattggagag attaatccta gaaatgggtga tactgacttc 180

aatgagaagt tcgagagcag ggccacactg actgtagaca aatcctccag cacggcatac 240

atgcaactca gcagcctgac atctgaggac tctgcgatct attactgtac aagatcccc 300

tacggtaata actacgggtt tacttactgg ggccaaggga ctctgggtcac tgtctctgca 360

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<212> DNA

<213> Mus musculus

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cagaaaccag ggcaatctcc taatgcactg atttactcgg catcctaccg gtacagtgga 180

gtccctgata gttcacagg cagtggatct gggacagatt tactctcac catcaccaat 240

gtgcagtctg aagacttggc agactatttc tgtcagcaat ataacagcta tcctctcaca 300

ttcggtactg gcaccaaact ggaaatcaaa 330

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ggggccagtg gatagac 17

<210> 7  
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ccagttccga gctccagatg acccagactc ca 32

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22

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<212> PRT

<213> Mus musculus

<400> 11

Ala Ser Val Lys Leu Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn  
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Tyr Phe Ile Tyr Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp  
20 25 30

Ile Gly Glu Ile Asn Pro Arg Asn Gly Asp Thr Asp Phe Asn Glu Lys  
35 40 45

Phe Glu Ser Arg Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala  
50 55 60

Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Ile Tyr Tyr  
65 70 75 80

Cys Thr Arg Ser Pro Tyr Gly Asn Asn Tyr Gly Phe Thr Tyr Trp Gly  
85 90 95

Gln Gly Thr Leu Val Thr Val Ser Ser  
100 105

<210> 12

<211> 112

<212> PRT

<213> Mus musculus

<400> 12

Gly Gly Gly Leu Val Lys Pro Gly Gly Ser Leu Lys Leu Ser Cys Ala  
1 5 10 15

Ala Ser Gly Phe Ala Phe Ser Arg Tyr Asp Met Ser Trp Val Arg Gln  
20 25 30

Thr Pro Glu Lys Arg Leu Glu Trp Val Ala Thr Ile Thr Ser Gly Asp  
35 40 45

Asn Tyr Thr Tyr Tyr Pro Asp Ser Val Lys Gly Arg Phe Thr Ile Ser  
50 55 60

Arg Asp Asn Ala Arg Asn Thr Leu Tyr Leu Gln Met Ser Arg Leu Arg  
65 70 75 80

Ser Glu Asp Thr Ala Leu Tyr Tyr Cys Thr Arg Gln Gly Leu Leu Tyr  
85 90 95

Tyr Ala Met Asp Tyr Trp Gly Gln Gly Thr Ser Val Asn Val Ser Ser  
100 105 110

<210> 13  
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<212> PRT  
<213> Mus musculus

<400> 13

Leu Thr Leu Ser Val Thr Ile Gly Gln Pro Ala Ser Ile Ser Cys Lys  
1 5 10 15

Ser Ser Gln Thr Leu Leu Asp Ser Asp Gly Lys Thr Tyr Leu Ile Trp  
20 25 30

Leu Leu Gln Arg Pro Gly Gln Ser Pro Lys Arg Leu Ile Tyr Leu Val  
35 40 45

Ser Lys Leu Asp Ser Gly Val Pro Asp Arg Phe Thr Gly Ser Gly Ser  
50 55 60

Gly Thr Asp Phe Thr Leu Lys Ile Ser Arg Val Glu Ala Glu Ala Leu  
65 70 75 80

Gly Leu Tyr Tyr Cys Trp Gln Gly Thr His Phe Pro Arg Thr Phe Gly  
85 90 95

Gly Gly Thr Lys Val Glu Ile Lys  
100

<210> 14  
<211> 99  
<212> PRT  
<213> Mus musculus

<400> 14

Ser Ser Leu Ser Ala Ser Leu Gly Asp Arg Val Thr Ile Ser Cys Ser  
1 5 10 15

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			20					25					30		
Asp	Gly	Thr	Val	Lys	Leu	Leu	Ile	Tyr	Tyr	Thr	Ser	Ser	Leu	His	Ser
		35					40					45			
Gly	Val	Pro	Ser	Arg	Phe	Ser	Gly	Ser	Gly	Ser	Gly	Thr	Asp	Tyr	Ser
	50					55					60				
Leu	Thr	Ile	Ser	Asn	Leu	Glu	Pro	Glu	Asp	Ile	Ala	Thr	Tyr	Phe	Cys
65					70					75					80
Gln	Gln	Phe	Ser	Lys	Leu	Pro	Tyr	Thr	Phe	Gly	Gly	Gly	Thr	Lys	Leu
				85					90					95	
Glu	Ile	Lys													